

Title (en)
RUBBER COMPOSITION PRODUCTION METHOD AND TIRE

Title (de)
KAUTSCHUKZUSAMMENSETZUNGHERSTELLUNGSVERFAHREN UND REIFEN

Title (fr)
PROCÉDÉ DE FABRICATION DE COMPOSITION DE CAOUTCHOUC, ET PNEUMATIQUE

Publication
EP 3372629 A4 20181205 (EN)

Application
EP 16861785 A 20161102

Priority

- JP 2015217925 A 20151105
- JP 2016004804 W 20161102

Abstract (en)
[origin: EP3372629A1] Provided are a method for producing a rubber composition capable of achieving low loss property and wet gripping performance, and a tire with loss property and wet gripping performance. The method comprises kneading of a rubber composition, wherein: the rubber composition comprises: a rubber component (A) containing 20 mass% or more of a specific modified SBR; 20 to 120 parts of a filler (C) containing silica per 100 parts of the rubber component; a compound (D); a silane coupling agent (E); and a vulcanizing agent (F), and the kneading comprises: first kneading to knead (A), (C), a part or all of (D), and 2 parts or more of (E) per 100 parts of (A); and second kneading to, after the first kneading, knead a kneaded product prepared in the first kneading and (F). The tire uses a rubber composition obtained with the method for a tread rubber.

IPC 8 full level
C08J 3/20 (2006.01); **B60C 1/00** (2006.01); **C08C 19/22** (2006.01); **C08C 19/25** (2006.01); **C08C 19/44** (2006.01); **C08K 3/06** (2006.01); **C08K 3/36** (2006.01); **C08K 5/31** (2006.01); **C08K 5/405** (2006.01); **C08K 5/44** (2006.01); **C08K 5/47** (2006.01); **C08K 5/54** (2006.01); **C08L 9/06** (2006.01); **C08L 15/00** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)
B60C 1/00 (2013.01 - EP US); **B60C 1/0016** (2013.01 - EP US); **C08C 19/22** (2013.01 - EP US); **C08C 19/25** (2013.01 - EP US); **C08C 19/44** (2013.01 - EP US); **C08F 236/10** (2013.01 - EP US); **C08J 3/20** (2013.01 - EP US); **C08K 3/011** (2017.12 - US); **C08K 3/013** (2017.12 - US); **C08K 3/06** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP US); **C08K 5/31** (2013.01 - EP US); **C08K 5/405** (2013.01 - EP US); **C08K 5/44** (2013.01 - EP US); **C08K 5/47** (2013.01 - EP US); **C08K 5/54** (2013.01 - EP US); **C08K 5/548** (2013.01 - US); **C08L 7/00** (2013.01 - EP US); **C08L 9/06** (2013.01 - US); **C08L 15/00** (2013.01 - EP US); **C08L 101/00** (2013.01 - EP US); **C08J 2309/06** (2013.01 - US)

Citation (search report)

- [E] EP 3269759 A1 20180117 - BRIDGESTONE CORP [JP]
- [XY] EP 2868696 A1 20150506 - BRIDGESTONE CORP [JP]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)
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